

The 50 MHz DX Bulletin

Volume 7, Issue 5

May 1996

ISSN 1073-1024

The 50 MHz DX Bulletin was founded by Harry Schools KA3B. It is dedicated to the understanding and utilization of long distance propagation in the 6-meter Amateur band. The current editor and publisher is Victor Frank, K6FV. Subscription rates are \$20 U.S. third class mail, \$25 U.S./Canada/Mexico airmail, \$25 by surface and \$30 by airmail elsewhere for 12 issues. Circulation matters and DX reports should be sent to Victor R. Frank, K6FV, 12450 Skyline Blvd., Woodside, CA 94062-4541 USA or to P O Box 762, Menlo Park, CA 94026 USA. My Internet address is frank@sneezy.sri.com. The bulletin may be freely quoted, provided that credit is given.

Saudi Arabia on 50 MHz

Reports on the Internet indicate that 7Z500 has even worked Israel on 50 MHz, but the only report with times, dates, and calls I have received so far is a QSO with G3SYC on May 19.

Trans-Atlantic Reports

Avelino, EH8BPX, in the Canary Islands (off the coast of Africa) mailed me a report of DX worked through May 11. It included only Europeans and 5T5DB. WA1QUB reports working Avelino on May 20.

We do have reports of European 48.25 MHz video carriers being received in the USA. WA1QUB reports such reception on May 9, and N5JHV reports one on May 24. A VE8 50 MHz beacon was reported heard in Europe, but no USA-Europe contact reports reached me by our deadline on the 26th.

TF3BM was reported worked by SM4POB on the 25th. That's still Europe-Europe; but Iceland is the closest European country to the USA, and the only European country that many of us on the west coast have worked (and have been unable to get confirmed).

144 MHz Sporadic-E

Two meters has been worked by Sporadic-E a number of times and places in the Northern Hemisphere this month. The earliest reports I have are K7CA in DM26HH (southern Nevada) working W5s on May 13, followed by May 21 and 26. WD0BQM in DN81 (western Nebraska) reports working W8/9/ & 0 on May 25.

For Japan, we have reports via JA1VOK of two meter Es intra-JA on May 17-18 and to S. Korea on May 18.

Is It Cycle 23 Yet?

I don't know! Already the smoothed sunspot number is lower than that of the minimum between solar cycles 21 and 22. Now I read somewhere (and unfortunately misplaced) a letter/article (I thought it was in EOS) that insisted that the sunspots cited in our August and September 1995 issues were rogue spots, and did not belong to cycle 23 at all.

And so, perhaps 1997 is a bit early to schedule that 6m DX-pedition/vacation to the Indian Ocean. However, if our suspicions that Es is negatively correlated to the sunspot number are correct, then summers 1996 and 1997 should still

be winners. Anyone interested in six and two meter Es DX-peditions to the South Pacific and South Atlantic during December-January? Is there sufficient interest in Australia/New Zealand, South America, and Africa to make such expeditions worthwhile? Keep in mind that it will take well-equipped stations and lots of perseverance on both ends to make 3-4- & 5 hop 6m Es (or 2-hop 2m Es) pay off.

Finally, is Es **really** better during low sunspot years? Or, is it that we are just becoming more aware of the possibilities of 144 and even 222 MHz Es? Let us see three to four years down the line what happens; but let us be eternally vigilant and keep reporting our findings.

Contests

I published the rules for the 50 MHz Summer DX Challenge, 1996 SMIRK Contest, and 1996 50 MHz DX Marathon in last month's bulletin. I forgot to mention the deadline for reporting the latter; logs must be received by August 31 and should be posted by August 15 or earlier if from areas with postal delays.

Rules for the **ARRL June VHF QSO Party** (June 8, 1800 UTC - June 10 0300 UTC) were published in May 1996 QST. Exchange grid squares. QSOs on 50 & 144 MHz count 1 point; 222 & 432 MHz, 2 points; 902 & 1296 MHz, 3 points; and 2.3 GHz and higher, 4 points. Final score is QSO points times grid square totals. Within 30 days after the contest, send your entry to ARRL June VHF QSO Party, 225 Main St., Newington, CT 06111; or upload your ASCII entry files, following the ARRL Suggested Standard File Format, to the ARRL BBS (860-594-0306); anonymous FTP them to <ftp.arrl.org>; or send them by Internet (contest@arrl.org), again following the ARRL Suggested File Format. Official entry forms and complete rules are also available from the ARRL Internet InfoServer and other sources. From the former, send an e-mail message to info@arrl.org with the following text in the body of your message;

HELP
SEND JUNVHF.FRM
SEND JUNVHF.RLS
QUIT

The **1996 CQ World-Wide VHF Contest** starts July 13, 1800 UTC and ends July 14, 2100 UTC. Exchange calls and grid squares. QSOs on 50, 70, and 144 MHz count 1 point; 222 and 432 MHz, 2 points; 903 and 1296 MHz, 4 points; 2.3 GHz and higher, 6 points. Final score is QSO points times grid square totals. Operators completing two-way CW or MCW contacts may add one point to the QSO value for each contact. You must request log sheets from: the CQ VHF Contest, CQ magazine, 76 N. Broadway, Hicksville, NY 11801. Please include an SASE with your request. Completed logs must be postmarked no later than August 31, 1996, to be eligible for awards. All logs should be mailed to: Joe Lynch, N6CL, VHF Contest Chairman, P.O. Box 73, Oklahoma City, OK 73101. Logs may be submitted on disk, provided a hard copy of the log is sent with the disk and the data is in an ASCII format compatible with an IBM-PC type computer.

April-May 1996 DX Reports

The following reports of 50 MHz and higher DX propagation are courtesy of G4UPS, SM7AED's *Six-metre Info*, JA1VOK's columns *World VHF News* in FIVE NINE and *V/UHF DX Topics* in MOBIL HAM, GJ4ICD's *Internet Six News*, (marked #), SP5XMU, EH8BPX, ZL1MQ, LW5EJU, WA5IYX, W0MTK, K6QXY, and postings on the Internet. Reports by SM3EQY, SM7FJE, and OZ3ZW are via *6-metre Info*. Apologies to any sources I may have inadvertently neglected.

The first entry is *mmddhhii*, where *mm* is the month, *dd* is the day of the month, *hh* is the hour UTC, and *ii* is the minutes after the hour. The year is understood to be 1996. A + to the right of the time indicates the observation was one of several in a time period and is probably later than the time reported. A ~ indicates approximate time. The grid square of the observing station may occur after a > symbol; however a time after > indicates the opening was still in progress at this time. A t indicates tentative identification of a TV station. Symbols just before the call of the reporting station include: V=Video Carrier, I=Inband video sidebands, F=FM audio, B=beacon, C=CW, S=SSB, W=mode not mentioned, H=heard only.

Reports of Africa

CANARY IS.

05102110 EA8?? WKG EA VYWEAK 50.113 H VE1RG
05121700 EH8BPX 59+ GJ4ICD
05202119 EH8BPX IL18SK > FN43ED S WA1OUB

MAURITANIA

05091843 5T5DB 59/57 50.200 S EH8BPX

Reports of Asia (Middle East)

CYPRUS

05191530+5B4CY B G0JHC

ISRAEL

05191530+4X1IF G0JHC
05191530+4X6UJ G0JHC
05191547 4X6UJ KM72 C G3OIL

LEBANON

05191530+OD5SIX B G0JHC

SAUDI ARABIA

0519 7Z500 LL44 W G3SYC

Reports of Asia (Far East)

ASIA, GENERAL

05140851+ASIAN VID 48.2506 + 49.75 V VK6RO

ASIAN WATERS

05110605 MM/WB3W PL39 > QM05 50.120 S JA1VOK
05110620 MM/WB3W PL39 > PM96 50.120 S JH0MHE
05110635 MM/WB3W PL39 > PM85 50.120 S JE2DWZ
05110934 MM/WB3W PL38 > QM05 50.140 S JA1VOK
05131007 MM/WB3W PL27 > PM74 50.110 H JJ3WXG
05131008 MM/WB3W PL27 > PM63 50.110 S JA5CMO

CHINA?

05131145 BG7KW > PL36 50.110 S JR6HI
05131145 BG7KW ssb > PM74 50.110 H JJ3WXG
05131150 BG7KW > QM05 50.110 S JA1VOK
05131156 BG7KW > PL36 50.110 S JR6VSP
05131200 BG7KW > PM42 50.110 S JA6IDJ

HONG KONG

04161115 VS6XMT 50.110 S JE2XBY
04291022 VS6XMT > PM53 50.110 S JA6TEW

04291024	VR2XRW	>	PM53	50.110	S	JA6TEW
04291030	VR2IL	>	PM53	50.120	S	JA6TEW
04301011	VR2ZXY	>	PM53	50.125	S	JA6TEW
04301013	VR2IL	>	PM53	50.125	S	JA6TEW
04301014	VR2IL	>	PM42	50.120	S	JA6IDJ
04301021	VR2ZXY	>	PM42	50.120	S	JA6IDJ
04301022	VR2ZOA	>	PM42	50.120	S	JA6IDJ
04301046	VS6XMT	>	PM42	50.120	S	JA6IDJ
04301054	VS6BG ssb	>	PM53	50.120	H	JA6TEW
04301057	VS6XMT & 1108			50.125	S	JA6TEW
04301101	VS6XSC	>	PM53	50.125	S	JA6TEW
04301107	VR2ZOA	>	PM53	50.125	S	JA6TEW
04301111	VR2ZXY			50.125	S	JA6TEW
04301113	VR2IL			50.125	S	JA6TEW
05050930	VR2SIX/b	>	PM63	50.0745	B	JA5CMO
05050944	VR2SIX/b	>	PM42	50.0745	B	JA6IDJ
05050946	VS6XMT	>	PM42	50.110	S	JA6IDJ
05051024	VR2SIX/b	>	PM85	50.0745	B	JE2DWZ
05051029	VR2SIX 539-559			50.0745	B	JA1VOK
05051033	VS6XMT	>	QM05	50.110	S	JA1VOK
05051033+VR2IL		-1040		50.110	S	JA1VOK
05051033+VS6XCZ				50.110	S	JA1VOK
05051034	VS6BG	>	QM05	50.110	S	JA1VOK
05051037	VS6XCZ	>	QM05	50.110	S	JA1VOK
05051040	VR2IL	>	QM05	50.110	S	JA1VOK
05061300	VR2SIX/b	>	PM42	50.0745	B	JA6IDJ
05110444	VS6XVD	>	QM05	50.110	S	JA1VOK
05110500	VS6XSF	>	QM05	50.110	S	JA1VOK
05110503	VS6XSF	>	PL36	50.110	S	JR6HI
05110504	VS6XVG	>	PL36	50.110	S	JR6HI
05110505	VS6XVD	>	PL36	50.110	S	JR6HI
05110515	VS6XVD	>	PM95	50.130	S	JE1TGN
05110532	VR2LW	>	PL36	50.110	S	JR6HI
05110546	VR2XRW	>	QM05	50.120	S	JA1VOK
05110632	VR2IL	>	PL36	50.110	S	JR6HI
05110633	VS6XMT	>	PL36	50.110	S	JR6HI
05110634	VR2YNN	>	PL36	50.110	S	JR6HI
05110635	VR2XRW	>	PL36	50.110	S	JR6HI
05110704	VR2SS	>	PL36	50.110	S	JR6HI
05110726	VR2ZXY	>	PL36	50.110	S	JR6HI
05110727	VR2ZLL	>	PL36	50.110	S	JR6HI
05130253	VS6XVD	>	PM85	50.110	S	JE2DWZ
05130754	VS6XVD	>	PM95	50.110	S	JE1TGN
05130818	VS6XVD ssb	>	PM74	50.110	H	JJ3WXG
05131100	VR2IL	>	PM85	50.140	S	JE2DWZ
05131107	VR2ZXY	>	PM85	50.120	S	JE2DWZ
05131108	VS6XMT	>	PM85	50.120	S	JE2DWZ
05131116	VR2XRW	>	PM85	50.130	S	JE2DWZ
05131202	VR2XRW	>	PM42	50.130	S	JA6IDJ
05131219	VS6XSC	>	PM42	50.150	S	JA6IDJ
05131225	VS6XMT	>	PM42	50.150	S	JA6IDJ
05131228	VR2XVG	>	PM42	50.150	S	JA6IDJ
05131229	VS6XCZ	>	PM42	50.150	S	JA6IDJ
05131233	VR2KM	>	PM42	50.150	S	JA6IDJ
05141321	VS6UW	>	PM63	50.110	C	JA5CMO
05172311	VR2IL	>	QM05	50.110	S	JA1VOK
05172346	VR2IL	>	QM09	50.110	S	JK7IKU
05190105	VS6VF	>	PM42	50.118	S	JA6IDJ
05190145	VR2KM	>	PM42	50.118	S	JA6IDJ
05190155	VR2XVG	>	PM42	50.118	S	JA6IDJ
05191014	VR2IL	>	QM05	50.110	S	JA1VOK
05191018	VR2YRC	>	QM05	50.110	S	JA1VOK
05191020	VS6XMT	>	QM05	50.110	S	JA1VOK
05191315	VS6XSF	>	QM09	50.175	S	JK7IKU
05191316	VS6XCZ	>	QM09	50.175	S	JK7IKU
05191320	VR2XVG	>	QM09	50.175	S	JK7IKU
05191322	VR2KQ	>	QM09	50.175	S	JK7IKU
05191325	VR2IL	>	QM09	50.175	S	JK7IKU
05191327	VR2KM	>	QM09	50.175	S	JK7IKU
05191329	VS6XFK	>	QM09	50.175	S	JK7IKU
05191332	VR2ZOA	>	QM09	50.175	S	JK7IKU
05210725	VR2ZXY	>	PM74	50.130	S	JJ3WXG
05210727	VR2ZOY	>	PM75	50.110	S	JA3JTG
05212330	VS6XSF ssb	>	PM74	50.110	H	JJ3WXG
05220035	VS6XCZ	>	PM75	50.110	S	JA3JTG
05220038	VS6XSF	>	PM75	50.110	S	JA3JTG
05220115	VS6XVF	>	PM75	50.110	S	JA3JTG
05231029	VS6XMT	>	PL36	50.110	S	JR6VSP
05231032	VR2XWR	>	PL36	50.110	S	JR6VSP
05231035	VR2ZXY	>	PL36	50.110	S	JR6VSP
05231204	VS6XFK	>	PL36	50.110	S	JR6VSP
05231205	VR2IL	>	PL36	50.110	S	JR6VSP

JAPAN

04091150 JA6YBR 50.017 B JR8DAG
04100500 JA8 JL4GTO
04160922 JA6 JE2XBY
04290623 JA1GKA, JL1BYZ 50.150 BV2FI
04290630 JR6 S JA0-9
04300700 JA7 FROM W, BACKSCATTER JA2/3
04301213 JR6VSP OKINAWA 50.110 S JA3-6
05172323 JG2DBL/6 (PL24) 144.110 S JA1VOK
05180840 JA6IUQ (PM51) 145.22 F JA1VOK

KOREA,S.

04100500 HL1LTC 59+ > PM75CM 50.110 JL4GTO
05011046 HL1LTC > QM05 50.110 S JA1VOK
05061257 HL1LTC 59+ > QM08 51.040 F JH7LGJ
05101316 HL1LTC > QM05 50.110 S JA1VOK
05180305 HL2IPC > QM05 50.130 S JA1VOK
05180348 HL2IPC (PM37) 145.05 F JA1VOK
05180351 HL2XHY (PM37) 145.02 F JA1VOK
05180353 HL2ADE (PM37) 145.02 F JA1VOK
05180357 HL2XMX (PM37) 145.02 F JA1VOK
05180402 HL2XEH (PM37) 145.02 F JA1VOK
05180447 HL2DIB > QM05 50.256 S JA1VOK
05180500 HL0N/2 > QM05 50.130 S JA1VOK
05180855 DS2CEL? (PM37) 145.02 F JA1VOK
05180902 HL5FXJ (PM45) 145.02 F JA1VOK
05180912 DS3BRJ 145.02 F JA1VOK
05181042 HL0N/2 > PM42 50.130 S JA6IDJ
05181100 HL2IKY > PM42 50.120 C JA6IDJ
05181110 HL2IPC > PM42 50.165 S JA6IDJ
05181116 HL2IKY > QM05 50.120 C JA1VOK
05182330 HL0N/2 > QM05 50.110 S JA1VOK
05190120 HL2GS > PL36 50.105 C JR6VSP
05190246 HL5JNU > PL36 50.115 S JR6VSP
05230330 HL1LTC > PM75 50.110 S JA3JTG

RUSSIAN FEDERATION

05060949 UA0CQ cw > PM74 50.110 H JJ3WXG
05061005 UA0CQ > PM63 50.116 S JA5CMO
05061015 UA0CQ > QM05 50.116 S JA1VOK
05061036 UA0CQ > PM75 50.117 C JA3JTG
05181030 UA0CQ ssb > PM42 50.130 H JA6IDJ

TAIWAN

03230411 BV2SR 50.125 S JA6TEW
04160647 BV2FG 50.001 B JH0MHE/9
04170905 BV2FG 50.007 B JE2XBY
04180229 BV2HL 50.120 JH0MHE/9
04251157 BV2FI > QM05 50.120 S JA1VOK
04251208 BV2FG > QM05 50.001 B JA1VOK
04251210 BV2FI 50.120 S JA2-6
04251230 BV2FG > PM75 50.001 B JA3JTG
04251232 BV2FI > PM75 50.120 S JA3JTG
04290600 BV2FG/b > QM05 50.001 B JA1VOK
04290606 BV2FI > QM05 50.150 S JA1VOK
04290630 BV2FI 50.150 S JA0-9
04290642 BV2FI 50.149 JF1UVJ
04290714 BV2FI & BV2FG JH1WHS
04291015 BV2/BO2AB ssb> PM53 50.110 H JA6TEW
04291044 BV6BU > PM53 50.110 S JA6TEW
04300839 BV2FG 50.001 B JA6TEW
04300839 BV7GK > PM53 50.110 S JA6TEW/M
04300900 BV7GK > PM42 50.110 S JA6IDJ
04301000 BV2/BO2AB > PM42 50.115 S JA6IDJ
04301005 BV2NT > PM42 50.140 S JA6IDJ
04301006 BV2NT > PM53 50.140 S JA6TEW
04301009 BV2/BO2AB > PM53 50.115 S JA6TEW
04301040 BV2SR > PM42 50.115 S JA6IDJ
04301043 BV7GK > PL36 50.110 S JR6HI
04301110 BV7GK TAKAO 50.110 S JA1-6
04301119 BV2FG 50.100 C JA1-6
04301200 BV2FG 50.100 C JA3
04301205 BV2SR 50.110 B JA3-6
04301212 BV2SR > PL36 50.110 C JR6VSP
04301250 BV2FG/b > QM05 50.001 B JA1VOK
04301304 BV7GK > PL36 50.110 S JR6VSP
05010720 BV2FG/b > PM85 50.001 B JE2DWZ
05020557 BV2FG/b > PM85 50.001 B JE2DWZ
05070404 BV2FG/b > PM85 50.001 B JE2DWZ
05090150 BV2FG/b > PM85 50.001 B JE2DWZ
05090230 BV2HL > PM85 50.110 S JE2DWZ
05090325 BV2HL ssb > PM74 50.110 H JJ3WXG

05100243 BV2RR cw > PM74 50.110 H JJ3WXG
05100311 BV2HL cw > PM74 50.110 H JJ3WXG
05110720 BV2FI > QM05 50.150 S JA1VOK
05130530 BV4PH ssb > PM74 50.110 H JJ3WXG
05130740 BV2FG/b > PM74 50.001 B JJ3WXG
05130950 BV2NT > QM09 50.120 S JK7IKU
05130950 BV2NT ssb > PM74 50.120 H JJ3WXG
05131011 BV2OH > PM85 50.115 S JE2DWZ
05131043 BV2NT > PM95 50.120 S JE1TGN
05150124 BV2FG/b > PM85 50.001 B JE2DWZ
05150240 BV2FG/b > PM75 50.001 B JA3JTG
05150240 BV7GK > PM75 50.110 S JA3JTG
05170210 BV2FG/b > PM85 50.001 B JE2DWZ
05170441 BY7WCL > PM85 50.110 S JE2DWZ
05180120 BV4PH > QM05 50.120 S JA1VOK
05180135 BV4PH > QM09 50.110 S JK7IWF
05210615 BV2FG/b > PM74 50.001 B JJ3WXG
05210615 BV7GK > PM74 50.110 S JJ3WXG
05210700 BV2FG/b > PM75 50.001 B JA3JTG
05220039 BV2SR > PM75 50.110 S JA3JTG
05221037 BV2/BO2AB > PM75 50.115 S JA3JTG
05221050 BV2/BO2AB > QM05 50.110 S JA1VOK
05221107 BV2HL > PM75 50.110 S JA3JTG

Reports of Europe

EUROPE GENERAL

04211145 EUR INBAND TV STARTS I G4UPS
04271017+EUR INBAND TV VY STRONG I G4UPS
04271356+EUR INBAND TV VY STRONG I G4UPS
04281027+EUR INBAND TV STRONG I G4UPS
05091102 EUR VID WEAK > 1118 48.250 V WA10UB
05241630 EUR VID 1550-1740 48.250 V N5JHV

AUSTRIA

04211312 OE6JED 55 WKG G H G4UPS
04281148 OE5PAM 59/59 JN78EE ALBERT S G4UPS

AZERBAIJAN CIS

05111531 4K6D 3840 KM W EH3CUU
05111531-4K6D W I

BALEARIC IS.

05101350 EH6ADW 57/59 JN19LU > KO02 S SP5XMU

BELGIUM

04271216 ON4BCW 56 JO10 > KO02 S SP5XMU
04271538 ON1LGS > IM75IV 50.110 EA9AI
04271546 ON7YD 55 CLG EH1 50.1103 EA9AI
05101329 ON4PS 59/59 JO20KQ PIERRE S SP5XMU
05101356 ON4ZK 59/59 JO21NF JASPER S SP5XMU
05101358 ON4FZ 59/59 JO10 GEORGE S SP5XMU
05101406 ON4BG 59/59 JO01WM > KO02 S SP5XMU
05101506 ON5SE 57/44 JN21UQ FRANK S SP5XMU

BULGARIA

05231822 LZ1WR KN32 S G3OIL

CRETE

05081350 SV9SIX 599 -1730 KM25>KO02 B SP5XMU
05081430 SV9ANK 55/55 KM25 > KO02 S SP5XMU
05091134 SV9SIX 599 KM25 > KO02 B SP5XMU
05111620 SV9SIX 579 > KO02 B SP5XMU
05131850 SV9SIX 539 > KO02 B SP5XMU

CROATIA

05111551 9A3HZ 51/53 JN86EJ 50.200 S EH8BPX

CZECH REPUBLIC

04211144 OK2BGW 599/599 JN89 IVO C G4UPS
04211156 OK1DDO 59/59 JO60JD JIRKA S G4UPS
04211248 OK2UWY 599/599 JN89JG C G4UPS
04271108 OK2BGW JN89 IVO W G4UPS
04281155 OK1EO 59, OK2DB 59 H G4UPS
04281203 OK2ZZ 59/59 JN89DN RUDA S G4UPS
04281203+OK2BGW 59 H G4UPS
04281210 OK1EO 59/59 JN69RR JARDA S G4UPS
04281219 OK2XTE 59/59 JN79WF KAREL S G4UPS
04281223 OK1FRG 59/59 JN79VX PETER S G4UPS
05050820 OK2KYC/P 55 CLG CQ 144. H GW4BRK/P

DENMARK: G4UPS writes: "I received a telephone call from Dave, OZ3SDL (also G3SDL) who presently lives in Copenhagen concerning a rather unique club station which will soon be active on the 6m band. The club station belongs to the European Radio Communication Agency located in the Danish capital, which will soon be heard on the band using the rather exotic callsign, 5PIER. 5P is part of the Danish callsign prefix allocation. The club station will use about 100 Watts to a 6-ele Cushcraft antenna which will tower 15m above the roof of the 5 story building in which the agency is situated. Locator for this new station is JO65HQ. The QSL route will be announced later. Although the European Agency is on sovereign territory, this station does not count as a separate entity for DXCC, but rather as a unique Danish station! Would be most grateful for the wide distribution of this info--otherwise there be chaos on the 6m band with newcomers thinking they are in a pile-up for a Pacific Island territory!"

04080730 OZ5AQJ 44 MS H G4UPS
04271230 OZ3ZW 59/59 JO54 TORD S G4UPS

ENGLAND

04271110 G4AFJ 59 IO92 > KO22 S SP5XMU
04271154 G6HKM 59 JO01 > KO22 ELA S SP5XMU
04271203 G3JOC 58 JO02 > KO22 S SP5XMU
04271213 2E1BGV 55 IO93 > KO22 S SP5XMU
04271220 G3FPQ 57 IO91LQ > KO22 S SP5XMU
04271244 MX0AAE 59 IO83PR S.E.S. S SP5XMU
04271325 G4IFX 59 IO94 > KO22 CHRIS S SP5XMU
04271335 G8CDW 59 JO02 > KO22 TED S SP5XMU
04271340 G3UKW 57 IO82 > KO22 S SP5XMU
04271343 G7ANQ 57 IO93 > KO22 S SP5XMU
04271535 G0TZX 519 > IM75IV 50.105 EA9AI
04271608 G4DEZ 58 > IM75IV 50.1424 EA9AI
05091632 G4UPS 55 WKG SP IO80 H SP5XMU
05101311 G0EWN 55/57 IO93 > KO02 S SP5XMU
05101315 G6SPG 55/55 IO80 > KO02 S SP5XMU
05101319 G3CEG 57/55 IO81 > KO02 S SP5XMU
05101320 G7RRD 59/59 IO92 GRAHAM S SP5XMU
05101324 G7SSE 57/55 IO92 JOHN S SP5XMU
05101326 G4KWR 55/59 IO82 EDEK S SP5XMU
05101327 G7SMA 59/59 IO93 > KO02 S SP5XMU
05101328 G6ISB 57/55 IO92 ALAN S SP5XMU
05101330 G7UHW 59/59 JO01 > KO02 S SP5XMU
05101334 G3SYC 59/59 IO93 BRIAN S SP5XMU
05101359 G1YYB 57/57 IO91 > KO02 S SP5XMU

ESTONIA

04271356 ES0SIX 579 B G4UPS
04271356 ES1CW 59/59 KO39 ARVO S G4UPS

FINLAND

04271255+OH3KKW KP11 S G3OIL
04271330 OH3LVJ 55 H G4UPS
04271342 OH3OZ 559/559 KP20 TAISTO C G4UPS

FRANCE

04270819 F1CKP 59/57 JN33LP GERARD S G4UPS
04271145 F1ERF 59 JN19 > KO02 S SP5XMU
04271535 F6EAS 519 W/G3ZVF 50.115 EA9AI
05101353 F1UMO 59/59 JO10NP > KO02 S SP5XMU
05101407 F5BYM 59/59 IN94 CHRIS S SP5XMU
05101712 F1BBK 57/59 JN08PP > KO02 S SP5XMU
05101720 FX4SIX 559 > KO02 B SP5XMU
05101724 F1PPH 55/59 JN07DV DIDIER S SP5XMU
05111354 F5BYM 59/59 IN94KO 50.200 S EH8BPX

GERMANY

04060854 DL1EK 559 H G4UPS
04080730 DL1EK 559 MS H G4UPS
04271151 DJ4TC 59/57 JO63PN PETER S G4UPS
04281114 DL3RBH 599/599 JN68 C G4UPS
04281155+DL2GBT 59 H G4UPS
04281201 DL8SET 59/59 JN48 MANFRED S G4UPS
04281215 DL6NBR 59/59 JN49NX WOLF S G4UPS
04281223+DL3AMA 59 H G4UPS
04281239 DL3AT 59/59 JO50NW ANDY S G4UPS

04281250 DL3HRM 59/59 JO51 MANFRED S G4UPS
05091908 DL6B 51 50.200 H EH8BPX

GIBRALTAR

05151800 ZB2EO IM66 S G3OIL

GREECE

05081350 SV7BVZ 58 KM21 > KO02 S SP5XMU
05081352 SV1OH 59+ KM18>KO02 CHRIS S SP5XMU
05081402 SV8QG 59 KM39 > KO02 S SP5XMU
05081414 SV1SIX 599 -1608 > KO02 B SP5XMU
05111530 SV1SIX 599 > KO02 B SP5XMU
05111557 SV1BRL 55/53 KM17UW > KO02 S SP5XMU
05111600 SV1EF 57/57 KM18VA NIKOS S SP5XMU
05111624 SV1AHX 53/56 KM28 > KO02 S SP5XMU
05131808 SV1UG 51 KM18 WKG SP5CCC H SP5XMU
05131840 SV1SIX 599 > KO02 B SP5XMU
05131922 SV3AGQ 59/59 KM17LX SISTA S SP5XMU
05191612 SV5TS KM46 S G3OIL

HUNGARY

04271045 HA8BE 559 < 1048 H G4UPS

ICELAND

05252304 TF3BM HP94 W SM4POB

ITALY

04211445 I5MXX/IK0FTA < 1550 H G4UPS
04270828 IK0MIL 59/59 JN61GT S G4UPS
04270831 I5XDL 59/59 JN52GW S G4UPS
04270832 IK0FTA 59/59 JN61GV SERGIO S G4UPS
04270933 IK2MKL 58 > IM75IV 50.153 EA9AI
04270938 I2ADN/1 59+10 50.1535 EA9AI
04271028 IK0FTA 57 JN61 > KO02 S SP5XMU
04271050 I3LLH 59/59 JN65BM < 1055 S G4UPS
04271517 I3LLH 59 QSB 50.151 EA9AI
04271521 IK4CNQ 57 > IM75IV 50.162 EA9AI
04271526 I4CIL 58 > IM75IV 50.1558 EA9AI
04271533 IK8MKK 58 > IM75IV 50.155 EA9AI
04271542 I2ADN/1 59 > IM75IV 50.1535 EA9AI
04271542 IK8MKK 59 JN71BC CLG CT4 H EA9AI
04271550 IK4ADE 55 JN54OE 50.110 EA9AI
04271557 IK0MIL 53 50.153 EA9AI
04271559 IK6OAQ 51 50.160 EA9AI
04281500+I6 JN61 > JN03 FAI 144. W F6DRO
05050710 I4XCC 58 CLG CQ 144.317 H GW4BRK/P
05101303 IX7XGF 57/57 JN71QM ALFRED S SP5XMU
05101312 IO0EU 57/59 JN61 > KO02 S SP5XMU
05101313 I7CSB 59/59 JN71 > KO02 S SP5XMU
05101317 IO0UT 59/59 JN61 UGO S SP5XMU
05101317 IK0ZMH 57/56 JN61 > KO02 S SP5XMU
05101322 I8WES 55/57 JN70DV BOB S SP5XMU
05101325 IK6OAQ 55/57 JN63RO > KO02 S SP5XMU
05101456 I2EGD 59/59 JN55 > KO02 S SP5XMU

JAN MAYEN

05142000 JX7DFA >2200 IQ50 > JO22 W PA3BFM
05142027 JX7DFA 59 IQ50 > 2127 H G0JHC
05142137 JX7DFA CW WEAK > JO20EP H ON4KST
05252130 JX7DFA IQ50 IN 40 MIN W SM4POB

LATVIA

04271105 YL3AG 599/599 KO26 VITAUTS C G4UPS
04271209 YL2DX 559/449 KO26AW YURI C G4UPS
04271440 YL3AG KO26 C G3OIL
04271445 YL3AG 599 STILL IN H G4UPS
05240635 YL3AG KO26 C G3OIL

MACEDONIA

05201800 Z32BU KN01 S G3OIL

MALTA

04271602 9H5AB JM75 S G3OIL
05111710 9H1B? 51 > KO02 H SP5XMU
05111710 9H1SIX 559 > KO02 B SP5XMU
05132005 9H1BT 51 > KO02 H SP5XMU

MOLDAVIA

05192028 ER5DX KN46 S G3OIL
05192105 ER5WW KN45 C G3OIL
05192156 ER1LW KN46 C G3OIL

NETHERLANDS

04271220 PE1OGF 59 JO21 > KO02 S SP5XMU
 04271318 PA3GQW 59 JO21 > KO02 S SP5XMU
 04271320 PA3DWD 59 JO23 > KO02 S SP5XMU
 04271321 PA0FRE 59 JO21 > KO02 S SP5XMU
 04271322 PE1PZS 59 JO21 > KO02 S SP5XMU
 04271323 PE1MCD 59 JO21 > KO02 S SP5XMU
 04271323 PE1MJV 59 JO22EH > KO02 S SP5XMU
 04271324 PA3GYF 58 JO22EH > KO02 S SP5XMU
 04271328 PA3GFN 57 JO22 > KO22 JAN S SP5XMU
 04271328 PE1PJG 59 JO33> KO02 939KM S SP5XMU
 04271554 PA3FYM 519 JO22NC 50.053 B EA9AI
 05091856 PE1ORN 55/55 JO32EI 50.200 S EH8BPX
 05091900 PA3DWD 57/55 JO23JE 50.200 S EH8BPX
 05091901 PA3DOL 57/59 JO22MT 50.200 S EH8BPX
 05091908 PA0LSB 51/55 50.200 S EH8BPX

NORWAY

05142130 LA7SIX 549 JP99 > JO20EP B ON4KST

POLAND

04211155 SP6HEI 59/59 JO81HL JAN S G4UPS
 04211156 SP6VXO 57 H G4UPS
 04211329 SP9MCY 59/59 JO90HH S G4UPS
 04271110 SP4TKK 57/55 KO03GS CHRIS S G4UPS
 04271123 SP9MCY 59, SP9BIF 57 H G4UPS
 04271125 SR6SIX 579,599 @ 1210 .023 B G4UPS
 04271131 SP7JSG 59/59 KO01BW LAW S G4UPS
 04271145 SP7TEE 59 H G4UPS
 04271210 SP5QWB 59/57 KO02NF S G4UPS
 04281222 SQ9ANS 59/57 JO90KI KAZIK S G4UPS
 04271231+SP4MPB 559, SP8NCJ 57 H G4UPS
 04281207 SP9QZJ 59/59 JO90OA MAREK S G4UPS
 04281216 SP6GWB 59/59 JO80HK STAN S G4UPS
 04281223+SP6CPY 59 H G4UPS
 04281253 SP5CCC 59/59 KO02 TOM S G4UPS
 04281257 SP8NCJ 59/59 KO12NC S G4UPS

PORTUGAL

03012237 CT4KQ 59/59 IN60BP 50.200 S EH8BPX
 04271558+CT4QP 55 < 1620 H G4UPS
 05111514 CT1DIN/P 55/55 IN60 50.200 S EH8BPX
 05111527 CT1BH 59/59 IN51QD 50.200 S EH8BPX
 05111529 CT1DMK 55/55 IN50QP 50.200 S EH8BPX
 05111530 CT1DYX 55/55 IN51PE 50.200 S EH8BPX

ROMANIA

0521 YO2S 559 KN05PS 50.042 B OH6DD

SARDINIA

05111300 IS0QDV 59 WKG SP9 > KO02 H SP5XMU
 05120953 IS0QDV 55 CLG CQ > KO02 H SP5XMU

SCOTLAND

04271137 GM4ILS 59 IO87 > KO02 S SP5XMU
 04271344 GM4WHU 57 IO87 > KO02 S SP5XMU
 04271536 GB3MCB 519 > IM75IV 50.042 B EA9AI
 04271552 GB3MCB 579 IO70OJ 50.0425 B EA9AI

SERBIA

04281020 YT1AU 59+/59+ KN04CP ZIKA S G4UPS
 04281027 YU1QC 59/59 KN04FU IVAN S G4UPS
 04281042 YU1EO 589/589 KN04FR SASHA C G4UPS
 04281127 YU1VG 599/599 JN94US VASA C G4UPS

SLOVAKIA

04211242 OM3CFN 599/599 JN88WO LUDO C G4UPS
 04281209 OM3PC 59/59 JN98 S G4UPS
 04281210+OM3CFN 569 H G4UPS
 05241714 OM3OM KN08 C G3OIL

SLOVENIA

04211316 S59A 599/599 JN76XP DRAGO B G4UPS
 04211329 S57MC 59 H G4UPS
 04281119 S59A 599/599 JN76XP DRAGO C G4UPS
 04281120 S55ZRS 569 B G4UPS
 05111519 S53ZW 55/55 JN86BJ 50.200 S EH8BPX
 05111525 S53FO 57/55 JN76ID 50.200 S EH8BPX

SPAIN

04271013 EH3DUW 58/58 JN12LG PEDRO S G4UPS

04271017 EH3CUU 599 50.055 B G4UPS
 04271534 EH7KW 519 IM67>IM75 50.110 EA9AI
 04271555 EH7KF 52 IM67XK 50.110 EA9AI
 04271558 EH7KW 599/599 IM67XI JOSE C G4UPS
 04271610 EH7AH 55 < 1620 H G4UPS
 04281400 EA VID VY WEAK -1420 48.25 V WA1OUB
 05091052 EH1DAV 59/59 IN53TH 50.200 S EH8BPX
 05091600+EH3CUU < 2000 50.055 B G0JHC
 05111400 EH1DAV 59/59 IN53TH 50.200 S EH8BPX
 05111515 EH7DUW 59/54 IM76SQ 50.200 S EH8BPX
 05111521 EH3ADW 55/59 JN11CQ 50.200 S EH8BPX
 05111524 EH1EH 55/59 IN82PO 50.200 S EH8BPX
 05111607 EH3IH 51/51 JN11BJ 50.200 S EH8BPX
 05111935 EH7KW 59/59 IM67XI 50.200 S EH8BPX
 05111940 EH7AH 59/59 IM67OG 50.200 S EH8BPX
 05111940 EH7BVD 59/59 IM77OV 50.200 S EH8BPX

SVALBARD

05202130 JW7SIX 419 JQ B G0JHC

SWEDEN

04010751 SM7AED 559/339 > IO80JV C G4UPS
 04020751 SM7AED 559/339 C G4UPS
 04030751 SM7AED 559/339 C G4UPS
 04040750 SM7AED 559/339 MS ONLY C G4UPS
 04050750 SM7AED 559/339 MS ONLY C G4UPS
 04060750 SM7AED 449/339 MS C G4UPS
 04090746 SM7AED 559/449 579 @ 0759 C G4UPS
 04100750 SM7AED 559/559 CONSTANT C G4UPS
 04110738 SM7AED 569/449 GOOD C G4UPS
 04210720 SM7AED 559/339 579 @ 0747 C G4UPS
 04220749 SM7AED 559/449 CONSTANT C G4UPS
 04230747 SM7AED 579/559 100% SOLID C G4UPS
 04240745 SM7AED 579/579 100% SOLID C G4UPS
 04250752 SM7AED 559/459==>599/579 C G4UPS
 04260750 SM7AED 569/449 CONSTANT C G4UPS
 04270749 SM7AED 559/459 ROCK SOLID C G4UPS
 04270753 SM7FJE 569/569 C G4UPS
 04271231 SM7AED 59+/59+ JO65NI ARNE S G4UPS
 04271348 SM0CHH 59/55 JO89XE PAUL S G4UPS
 04271423 SM1LPU 44/44 JO97 STEVE S G4UPS
 04271438 SM0FMT 579/579 JO89WB C G4UPS
 04280732 SM7AED 559/449 CONSTANT C G4UPS
 04290749 SM7AED 559/459==>599/579 B G4UPS
 04300750 SM7AED 559/459 CONST C G4UPS
 04300755 SM7FJE 559/559 C G4UPS

UKRAINE

0519 UT3BW KN29 W G0JHC

VATICAN

05101320 HV3SJ 559 JN61 > KO02 B SP5XMU

WALES

04271144 GW4UWR 55 IO81 > KO02 S SP5XMU
 04271342 GW7SMV 57 IO81 > KO02 S SP5XMU

Reports of North America

This month's TV and FM DX reports via Es were submitted by Danny Oglethorpe of Shreveport, LA; Pat Dyer, WA5IYX, of San Antonio, TX; and William J Draeb of Kewaunee, WI.

BAHAMAS

05102258 C6AGN 59 FL16 > FN43AD WA1OUB
 05110330 C6AGN FL16 > FN03 W VA3MW
 05221430 C6AGN > CM87XI S WB9AJZ/6

CANADA, Eastern

04120023 VE8BY S5 BAFFIN IS 50.048 B K1TOL
 04120048 VE8BY FP53 > FN65 50.0486 B VE9AA
 05061900 unID 2 ON CAMILLA T OGLETHORPE
 05101935 CBFT 2 PQ 1414 T OGLETHORPE
 05102218 CFCL2t 2 ON T OGLETHORPE
 05111705 CKPR 2 ON 1130 T OGLETHORPE
 05121615 VE2VAT FN45 > EM84 KP4XS/4
 05121617 VE2NSM OLIVER FN35 > EM84 KP4XS/4
 05202100 VE8BY -2130 ON TAPE!! OZ4VV
 05202120+VE1YX, VE1RG S EH8BPX

05231522 VE3WHS 55 EN91 > CM87XI W WB9AJZ/6

CANADA, Western

05071615 CKND2 2 MB KIDS TV 1279 T OGLETHORPE
05110300 VE6, VE7 K6QXY
05111559 CKND2 2 MB KIDS TV 1279 T OGLETHORPE
05121600 VE6, VE7 -1900 K6QXY
05150124 VE6BMR BARRY DM33 50.135 W WOMTK
05150135-VE6BPR AL DO32 50.165 W WOMTK
05150145-VE6BCC DO33 50.165 W WOMTK
05150242 VE6PY PAUL DO22 > DM59 W WOMTK
05150250-VE6AMV STAN DO05 > DM59 W WOMTK
05160328 VE6BMR DO33 S NC7K
05160332 VE6TA 50.125 S NC7K
05201555 VE6NA 58 > DM59 W WOMTK
05221700 VE8CK -1900 Yellowknife W W7HAH

CAYMAN IS.

05242000 ZF1DC 59+10 50.125 S KP4XS/W4

CUBA

04111959 CO2KG > FM08 50.125 N4KWX
04112043 CO2OJ? EL94 > FM08/19/29 W3IWU
04112121 CO2KG LOUD -2359 50.125 KN4UI
04120032 CO2LE EL82 > EM96 50.125 WB9AHM
04240030 CUBA 2 T OGLETHORPE
05061442 CO2KG > FM18HX 50.101 C KL7GLL/2
05102059 CO2OJ IN FOR HOURS TO 59 H WA1OUB
05102107 CO2OJ 52/57 > FN65RR W VE9AA
05121334 CO2OJ 59+20 EL83 > EM84 KP4XS/4

DOMINICAN REP.

05102100-HIOVHF > FM19JB B W3OTC
05102245 HIOVHF > FN43AD B WA1OUB

GUATEMALA

04082309 TGV 3 GUATEMALA 1120 T WA5IYX

MEXICO

04141453 XHBC 3 BN MEXICALI 1022 T WA5IYX
04141630 XE2HWB WEAK B K6QXY
04160055 XHBS 4 SI/SO T OGLETHORPE
04160105 XE 5 XEW/XHBS T OGLETHORPE
04160115 XE 2 XHQ-3 W/SI NEWS T OGLETHORPE
04160138 XHBC 3 BN MEXICALI 1022 T WA5IYX
04160145 XE 4 XHGC-5 T OGLETHORPE
04162120 XE1CRO 59 LEON TEP 50.110 S LU3DOV
04230102 XHVIZ 3 T WA5IYX
04231620 XHOKO 4 VER 1243 T OGLETHORPE
04231630 XHI 2 SO 1026 T OGLETHORPE
04231650 XHBC 3 BN MEXICALI 1022 T WA5IYX
04231655 XE 4,5 CANAL TRECE T OGLETHORPE
04231710 XE 4 SS SHOPPING T OGLETHORPE
04260400 XE ?? SPANISH SPKG 50.125 H K1CT/6
04280054 XHBC 3 BN MEXICALI 1022 T WA5IYX
05062300 XE2HWB -2330 B K6QXY
05100158 XE 2 XEW T OGLETHORPE
05120300 XHBC- 3 BN MEXICALI DM22 T WA5IYX
05120345 XHRM DM12BN TIJUANA 92.5 F WA5IYX
05191840 XE2 > DM59 H WOMTK
05191858 XE2/N6XM MOBILE DM12 >DM59 W WOMTK
05220200 XE1AVM 55 DK79>DM12 50.125 S KO6ET

PUERTO RICO

04282245 KP4A 59+10 S382345 50.110 B KA4VXT
05102216 KP4EIT FK68 > EN40 50.125 W KA9CFD
05102220 KP4EIT FK68 > FM19JB W3OTC
05102255 KP4EIT 59 2778 KM FK68 WA1OUB
05191924 KP4EIT JOSE FK68 > FM04 W KE4GKA

ST KITTS & NEVIS

05102100 V44K > FM19JB B W3OTC

United States, W1

05102000 W1 > EM21 WA5JCI
05121520 N1WII FN42 > EM84 KP4XS/4
05121521 W1QD FN42 > EM84 KP4XS/4
05121524 N1OBJ FN42 > EM84 KP4XS/4
05121525 W1IMM 59+40 FN42 > EM84 KP4XS/4
05121526 W1/WA4DDH FN42 > EM84 KP4XS/4
05121532 WA1RVI ME FN54 > EM84 KP4XS/4

05121534 W1BDC BOB FN43 > EM84 KP4XS/4
05121536 NW1B TROY FN42 > EM84 KP4XS/4
05121538 WA1RLO FN43 > EM84 KP4XS/4
05121539 KD1XP FN32 > EM84 KP4XS/4
05121547 WZ1V 59+30 FN31 > EM84 KP4XS/4
05121548 N1TDW FN31 > EM84 KP4XS/4
05121549 N1JQH, K1LL FN43 > EM84 KP4XS/4
05121553 N1GNN FN54 > EM84 KP4XS/4
05121554 W1/K2HZN FN43 > EM84 KP4XS/4
05121555 N1RIJ FN43 > EM84 KP4XS/4
05121558 K1PQY JOHN FN42 > EM84 KP4XS/4
05121601 N1IME FN44 > EM84 KP4XS/4
05121614 N1TJX FN44 > EM84 KP4XS/4
05202120+K1GPJ S EH8BPX
05222047 N1UQT FN34 > EN50 KF9PL
05230330+W1 FN32,34,41,42 > DN70 K0GU

United States, W2

05061915 WGRZ 2 NY NBC2 1091 T OGLETHORPE
05101935 WGRZ 2 NY 1091 T OGLETHORPE
05101947 WKTV 2 NY 1253 T OGLETHORPE
05102000 W2 > EM21 WA5JCI
05111550 WGRZ 2 NY 1091 T OGLETHORPE
05121541 WB2WIH FN20 > EM84 KP4XS/4
05121552 WA2IIE FN20 > EM84 KP4XS/4
05121616 AA2QU FN34 > EM84 KP4XS/4
05121617 N2QHU FN22 > EM84 KP4XS/4
05230330 W2 FN22 > DN70 CO -0400 K0GU

United States, W3

05061858 WMAR 2 MD 1072 T OGLETHORPE
05061910 KDKA 2 PA 945 T OGLETHORPE
05071650 W3 MD > DM59 H WOMTK
05102000 W3 > EM21 WA5JCI
05102358 WTAE 2 PA 945 T OGLETHORPE
05110010 WMAR 2 MD 1072 T OGLETHORPE
05202120+W3JO S EH8BPX
05231438 W3 FM28 > CN85 OR H N7DB
05231745-W3 > CN84 H NOXX/7

United States, W4

03192304 WBTW 3 NC CHARLOTTE 1090 T WA5IYX
03192329 WSAV 3 GA SAVANNAH 1040 T WA5IYX
03200100+W4 SC,FL <0500 K6QXY
04221700 WCIV 4 SC T DRAEB
04222159 WEDU 3 FL TAMPA 994 T WA5IYX
04222200 WCBdt 2 SC T DRAEB
04231600+W4 FL <0400 K6QXY
04232250 WSJK 2 TN 665 T OGLETHORPE
04232320 WCBd 2 SC 805 T OGLETHORPE
04232350 WESH 2 FL 789 T OGLETHORPE
04240005 WPBT 2 FL 939 T OGLETHORPE
04271559 WSJK 2 TN 665 T OGLETHORPE
05050114 AE4BK 57 EM75 > EM21 S WA5JCI
05061654 WHLZ FM03SC MANNING 92.5 F WA5IYX
05061700 WWAY 3 NC WILMINGTO 1237 T WA5IYX
05061704 WDOG EM93SC ALLENDALE 93.5 F WA5IYX
05061733 WZXS FM14NC TOPSAILB 103.9 F WA5IYX
05061736 WJMX-FM04SC CHERAW 103.3 F WA5IYX
05061736 WKXB FM04NC BURGAW 99.9 F WA5IYX
05061737 WHSC-EM94SC HARTSVILL 98.5 F WA5IYX
05061745 WCBd 2 SC 805 T OGLETHORPE
05061745 WCIV 4 SC 805 T OGLETHORPE
05061756 WBTW 3 NC CHARLOTTE 1090 T WA5IYX
05061820 WFMY 2 NC 838 T OGLETHORPE
05061820 WUND 2 NC 1031 T OGLETHORPE
05091930 WSJK 2 TN 665 T OGLETHORPE
05101801 W4 EM81/EM73 > EN37 (MN) WTON
05102115 WUND 2 NC 1031 T OGLETHORPE
05110120 WFMY 2 NC 838 T OGLETHORPE
05110128 WPBT 2 FL 939 T OGLETHORPE
05111550-WB4YVO/P 50.173 W WOMTK
05112200-W4UDH EM52 EM52 > DM59 W WOMTK
05112318 W4 FM05 > EN37 W WTON
05121157 KC4DPK EM95 > EM84 KP4XS/4
05222130 WNGC GA ATHENS 95.5 F WB0DGF
05222145 WHPE NC HIGHT 95.5 F WB0DGF
05222356 W4AZR EL98 > EN50 KF9PL
05222356-KA4CLM EL96 > EN50 KF9PL
05231438 W4 GA > CN85 OR H N7DB
05231900 W4 > CN84 H NOXX/7

United States, W5

03200100 W5 TX,OK,NM, W5VAS -0500 B K6QXY
04160300 W5 NM K6QXY
04231600 W5 TX,NM -0100 K6QXY
04231740 KDBC 4 TX 746 T OGLETHORPE
04280020 N5JEH 59+ NC7K
04280024 W5FF 59+20 S NC7K
04280045 KB5UOS WEAK NC7K
05031606 KB5RKO EM30 WEAK -1615 H W0MTK
05111615 KASA 2 NM 1200 T DRAEB
05111615 KENW 3 NM T DRAEB
05111615 KFDXt 3 TX WICHITAFALLS T DRAEB
05111615 KOB 4 NM 1200 T DRAEB
05111750-W5 OK/TX > EN34 NOHJZ
05111758 W5 LA NEW ORLEANS > EN37 H WTON
05111939 K5CM 59+40 EM25 > EN37 W WTON
05112140 KC5NOB JOHN EL07 > DM59 W W0MTK
05112220-KB5RKO TED EM30 50.165 W W0MTK
05112316 N5JHV 59 NM DM62 3269 KM W WA10UB
05112318 W5 EM25 > EN37 W WTON
05121519 KC5ICS RON EM15 > EM84 KP4XS/4
05121528 N5WKW EM15 > EM84 KP4XS/4
05121529 W5FF S3 DM64 > EM84 KP4XS/4
05121530 WD5G 59+20 EM15 > EM84 KP4XS/4
05121600 W5 NM,AR -1900 K6QXY
05130020 KA5DWI EM12 > DM26 144. W K7CA
05130020 WB5CHW EM12 > DM26 144. W K7CA
05130022 W5UWB EL17 > DM26 144. W K7CA
05130025 N5GE EM12 > DM26 144. W K7CA
05130028 WA5JCI EM21 > EM26 144. W K7CA
05130154 W5 NM DM64 > EL09 50.13+ H WA5IYX
05140044 KA5ULI 55 PITKIN LA W W0MTK
05140100-W5EUB W W0MTK
05140120-K5CZD W W0MTK
05140140-KB5UBL W W0MTK
05180042 NR5O 57 EM26 > DM59 W W0MTK
05180230 W5VAS > DM59 B W0MTK
05212120 W5FYZ EM32 > DM26HH 144. W K7CA
05212120 WD5DJT EM12 > DM26HH 144. W K7CA
05212125 KB5WMY EM32 > DM26HH 144. W K7CA
05212127 WA5JCI EM21 > DM26HH 144. W K7CA
05212128 KC5LXO EM21 > DM26HH 144. W K7CA
05212130 KC5IRF EM12 > DM26HH 144. W K7CA
05212135 KA5ULI EM30 > DM26HH 144. W K7CA
05212144 KB5IUA EL29 > DM26HH 144. W K7CA
05212150 W5VY EL09 > DM26HH 144. W K7CA
05222047+KA5CJJ EM23 > EN50 KF9PL
05231900 W5 > CN84 H NOXX/7
05260145 W5JME EM15 > DM26HH 144. W K7CA
05260130 K5LJL/m EM26 > DM26HH 144. W K7CA
05260130 K5YWL EM36 > DM26HH 144. W K7CA
05260130 K5YY EM26 > DM26HH 144. W K7CA
05260120 N5FAC EM35 > DM26HH 144. W K7CA
05260130 N5FEQ EM15 > DM26HH 144. W K7CA
05260155 N5TNM EM25 > DM26HH 144. W K7CA

United States, W6

04141457 KCBS 2 CA LOSANGELE 1186 T WA5IYX
04300339 KB6IGC QTF145x DM15 50.125 H VE7SKA
04300343 AA6DD QTF145x DM13 50.125 S VE7SKA
05120158 AA6DD DM13 > EL09 50.140 WA5IYX
05120335 KWST DM22CA BRAWLEY 94.5 F WA5IYX
05120346 KYXY DM12CA SANDIEGO 96.5 F WA5IYX
05192030-W6RCW CM89 > DM58 50.173 W W0MTK/0
05192040-W6QVV > DM58 W W0MTK/0
05200031 KD6QAI DM13 > DM59 50.173 W W0MTK
05200050-W6RDF > DM59 50.173 W W0MTK
05200100-WA6MHZ > DM59 50.173 W W0MTK
05221430+K6QXY, KB6NAN S C6AGN

United States, W7

03200013 KNAZ 2 AZ FLAGSTAFF 843 T WA5IYX
03200013 KVBC 3 NV LASVEGAS 1052 T WA5IYX
03200100 W7 AZ <0500 K6QXY
04231600 W7 AZ, W7US -0100 B K6QXY
04231655 KVBC 3 NV LASVEGAS 1052 T WA5IYX
04231722 KNAZ 2 AZ FLAGSTAFF 843 T WA5IYX
04231800 KVOA 4 AZ 1004 T OGLETHORPE
04231825 KPHO 5 AZ 1065 T OGLETHORPE
04231855 KNAZ 2 AZ 1045 T OGLETHORPE
04260400 W7/N6EIJ CN85 > DM12 W K1CT/6
04280025 NM7K 50.072 B N5JEH

04300349 NC7K QTF135x DM09 50.125 S VE7SKA
04301554 KF7UV 58 BOB DM08 -1612 W0MTK
05011015 N7ET/DU7 sbb > PM42 50.110 H JA6IDJ
05051600 W7/NOXX & 1844 54 > DM59 W0MTK
05081624 W7/NOXX 42 BILL CN87 >DM59 S W0MTK
05110300 W7 SHORT K6QXY
05111750-W7 WA/OR/MT > EN34 NOHJZ
05111758 W7 MT > EN37 H WTON
05112301 W7AKU 59 AZ DM51 3488 KM W WA10UB
05120105 W7/K1BM WY > EL09 50.130 WA5IYX
05120113 K7CA NV DM26 >EL09 50.125 WA5IYX
05120119 K7ICW NV DM26 >EL09 50.140 WA5IYX
05120313 KVBC 3 NV LASVEGAS DM26 T WA5IYX
05120322 KYOT DM33AZ PHOENIX 95.5 F WA5IYX
05120326 KUPD DM33AZ TEMPE 97.9 F WA5IYX
05120329 KDKB DM33AZ MESA 93.3 F WA5IYX
05120339 KCLB-DM13AZ COACHELLA 93.7 F WA5IYX
05120356 KJOK DM22AZ YUMA 93.1 F WA5IYX
05120407 W7US AZ DM42PJ 50.068 B WA5IYX
05121600 W7 AZ -1900 K6QXY
05121600 W7HAH -1900 B K6QXY
05121953 WA7JXN DN27 > WICHITA KS W W0MTK/0
05122304 KCMC DN76MT MILESCITY 92.5 F WA5IYX
05122346 KBZN DN31UT OGDEN 97.9 F WA5IYX
05122348 KKMV DN32ID RUPERT 92.5 F WA5IYX
05122351 KEZJ DN22ID TWINFALLS 95.7 F WA5IYX
05122352 KQSW DN51WY ROCKSPRIN 96.5 F WA5IYX
05122358 KZHT DN40UT PROVO 94.9 F WA5IYX
05130002 KRGQ DN31UT ROY 107.9 F WA5IYX
05130008 KUMT DN30UT CENTERVI 105.7 F WA5IYX
05130009 KLCY DN50UT VERNAL 105.9 F WA5IYX
05130013 KVRI DN30UT SLC 98.7 F WA5IYX
05130014 KRSP DN30UT SLC 103.5 F WA5IYX
05130027 KUBL DN30UT SLC 93.3 F WA5IYX
05130031 KSOP DN30UT SLC 104.3 F WA5IYX
05190531 W7GZ DM42 > DM09 W NC7K
05190531 WA7KSF DM43 > DM09 W NC7K
05192100 KE7NS DN31 50.0614 B K6FV
05192119 W7 ?? DN71 BOB WY 50.152 H K6FV
05192126 N7GBR DN72 50.145 H K6FV
05192127 WK7R CN85 > DM58 W W0MTK/0
05192145-N7EIJ, KJ7HV CN85 > DM58 W W0MTK/0
05192230-WB7PPK CN95 > DM58 W W0MTK/0
05192300-N7XTS > DM58 W W0MTK/0
05221430-W7US AZ DM42 > CN92 OR B WA7TDZ

United States, W8

03200217 WDTN 2 OH DAYTON 1076 T WA5IYX
04210323 WSAZ 3 WV HUNTINGTO 1123 T WA5IYX
05061835 WTOM 4 MI 1042 T OGLETHORPE
05061840 WJBK 2 MI 904 T OGLETHORPE
05110225 WJBK 2 MI 904 T OGLETHORPE
05111430 N8NGF DAVID EN72 > DM59 W W0MTK
05111530-WB8RUQ 50.173 W W0MTK
05121551 N8TLZ FM09 > EM84 KP4XS/4
05250148 K8MD EN82> DN81CW 144. W WDOBQM

United States, W9

05061859 WBBM 2 IL 737 T OGLETHORPE
05062023 WBAyt 2 WI T OGLETHORPE
05071802 WBBMt 2 IL T OGLETHORPE
05111445-N9RXM 50.173 W W0MTK
05111515-N9AQ 50.173 W W0MTK
05111610-WB9GYT 50.173 W W0MTK
05111630 WA9SDA -1730 EN52 50.173 W W0MTK
05250123 WB9MSV EN50> DN81CW 144. W WDOBQM
05250124 WA9KRT EN61> DN81CW 144. W WDOBQM
05250147 WB9HLM EN59> DN81CW 144. W WDOBQM

United States, W0

03202300 W0IJR -2400 B K6QXY
03202300 W0MTK -2400 B K6QXY
04231600 W0IJR -0100 B K6QXY
04231600 W0MTK -0100 B K6QXY
04271538 KGAN 2 IA 654 T OGLETHORPE
04301600 W0IJR B K6QXY
04301600 W0MTK B K6QXY
05071625 W0DFK 57 BOB EM47 > DM59 W0MTK
05071635 KXMA 2 ND 1110 T OGLETHORPE
05071708 KDLO 3 SD FLORENCE 1071 T WA5IYX
05081615 W0MTK B K6QXY
05111500-WA0AUQ 50.173 W W0MTK

05111559 KGFE 2 ND 1086 T OGLETHORPE
 05111750-WO KS > EN34 NOHJZ
 05112229 KDLO- 3 SD FLORENCE 1071 T WA5IYX
 05112233 KELO-EN13SD SIOUXFALL 92.5 F WA5IYX
 05112255 KQRS-EN34MN GOLDEN VL 92.5 F WA5IYX
 05112256 KSTP-EN35MN MINNEAPOL 94.5 F WA5IYX
 05112300-NOAVK LEW CN87 50.173 W WOMTK
 05112318 KOTA- 3 SD RAPID CIT DN84 T WA5IYX
 05112325 KITN EN23MN WORTHNGT 93.5 F WA5IYX
 05112329 KHBT EN22IA HUMBOLDT 97.7 F WA5IYX
 05112337 KIMT 3 IA MASONCITY EN33 T WA5IYX
 05112354 KJYJ EN31IA ANKENY 92.5 F WA5IYX
 05120023 KELO-EN13SD SIOUXFALL 92.5 F WA5IYX
 05120059 KUSD- 2 SD VERMILLIO EN13 T WA5IYX
 05120105 NOLL EM09OW KS 50.077 B WA5IYX
 05120105 WO EN23, EN34> EL09 50.118 H WA5IYX
 05120108 WBORMO NE EN10 50.061 WA5IYX
 05120111 NOYIN EN23 WKG DL99 50.118 H WA5IYX
 05120111 WONRI CO DM79 >EL09 50.140 WA5IYX
 05120159 KGAN 2 IA CEDARAPID EN42 T WA5IYX
 05120206 WO/W6OAL CO DM79 50.140 WA5IYX
 05121535 KGOVO CURTIS EM19 > EM84 KP4XS/4
 05121600 WO SD -1900 K6QXY
 05122303 KVOB DN70CO GREELEY 92.5 F WA5IYX
 05130006 KRAI DN60CO CRAIG 93.7 F WA5IYX
 05130154 NOLL KS SMITHCENTR 50.077 B WA5IYX
 05130154 WOMTK CO FRUITA 50.065 B WA5IYX
 05130156 WO/WG6K CO DM67>EL09 50.13 H WA5IYX
 05192055 WONRI DM79 WKD W6JET .123 H K6FV
 05192057 WOIJR DM79 CO 50.066 B K6FV
 05192105 WOSII DN71 50.133 H K6FV
 05192127 WAODYU DN32 WKG W6YLL .150 H K6FV
 05240430 NOLL > CN92 B WA7TDZ
 05241315-NOLL > 1530 > CN92 B WA7TDZ
 05250125 NOURW EN41> DN81CW 144. W WD0BQM
 05260120 KBORUP EM37 > DM26HH 144. W K7CA

Reports of Oceania

AUSTRALIA-VK2

04200505 VK2 VID -0515 > QM05 46.24 V JA1VOK

AUSTRALIA-VK4

04200440 VK4 VID -0530 > QM05 46.17 V JA1VOK
 04210144 VK4AFL S ZL3NE/1
 04210214 VK4AFL S ZL1MQ

AUSTRALIA-VK6

04190615 VK6RO TEP JA1-2

AUSTRALIA-VK8

04150906 VK8VF 50.057 B JE2XBY
 04151010 VK8VF 50.057 B JE2XBY
 04231207 VK8VF > PL36 50.057 B JR6VSP

HAWAIIAN IS.

04290907 KHON 2 HI - 1207 55.260 V ZK1AA
 04290907 KGMV 3 HI WAILUKU 61.250 V ZK1AA
 04290907 KITV 4 HI HONOLULU 67.24 V ZK1AA
 04290907 KFVE 5 HI HONOLULU 77.25 V ZK1AA
 04300827 KHON 2 HI - 1202 55.260 V ZK1AA
 05021052 KHON 2 HI - 1157 55.260 V ZK1AA
 05030830 KHON 2 HI - 1215 55.260 V ZK1AA
 05050842 KHON 2 HI - 1147 55.260 V ZK1AA
 05060815 KHON 2 HI - 1055 55.260 V ZK1AA
 05070900 KHON 2 HI > 1224 55.260 V ZK1AA
 05071434-KHON 2 HI - 1600 55.260 V ZK1AA
 05081100 KHON 2 HI > 1224 55.260 V ZK1AA
 05090920 KHON 2 HI - 1120 55.260 V ZK1AA
 05120657 KHON 2 HI - 1342 55.260 V ZK1AA
 05120657 KGMV 3 HI WAILUKU 61.250 V ZK1AA
 05120657 KITV 4 HI HONOLULU 67.24 V ZK1AA
 05120657 KFVE 5 HI HONOLULU 77.24 V ZK1AA
 05161112 KHON 2 HI - 1230 55.260 V ZK1AA
 05161435 KHON 2 HI - 1505 55.260 V ZK1AA
 05171130 KHON 2 HI - 1230 55.260 V ZK1AA
 05200430 KH6HME > DM12 TROP 144.17 B N6OMW
 05211436 KHON 2 HI - 1506 55.260 V ZK1AA
 05231130 KHON 2 HI WK >1230 55.26 V ZK1AA
 05231436 KHON 2 HI WK -1521 55.26 V ZK1AA

NEW ZEALAND

04200503 ZL VID -0520 > QM05 45.26 V JA1VOK

MINAMI TORI SHIMA

05120400 JD1BIY(M) cw > QM05 50.110 H JA1VOK
 05130345 JD1BIY(M) > PM85 50.230 S JE2DWZ
 05142228 JD1BIY > QM05 50.110 C JA1VOK
 05200243 JD1BIY(M) > PL36 50.110 C JR6HI
 05200844 JD1BIY(M) > PM75 50.110 S JA3JTG
 05201230 JD1BIY > QM05 50.110 S JA1VOK

OGASAWARA IS.

05060155 JD1BJP(O) > PM42 50.122 S JA6IDJ
 05060207 JD1BJP(O) > PM63 50.122 S JA5CMO
 05200800 JD1ADP/b(O) > PM75 50.013 B JA3JTG
 05210030 JD1ADP/b > PM75 50.013 B JA3JTG
 05212133 JD1ADP/b(O) > QM05 50.013 B JA1VOK
 05230435 JD1ADP/b > PM74 50.013 B JJ3WXG

PHILLIPINES

04231107 DU7/N7ET > PL36 50.110 C JR6VSP
 04231210 DU7/N7ET > PL36 50.110 C 7J6CCU
 05130727 DU3/JG1OUT > PM85 50.110 S JE2DWZ
 05130729 DU3/JG1OUT > PM74 50.110 S JJ3WXG
 05130730 DU3/JG1OUT > PL36 50.110 S JR6HI
 05130743 DU3/JG1OUT > PL36 50.110 S 7J6CCU
 05130746 DU3/JG1OUT > PM95 50.110 S JE1TGN
 05130803 DU3/JG1OUT > QM09 50.110 S JL7IWF
 05141145 DU7/N7ET > PM63 50.110 S JA5CMO

Reports of South America

ARGENTINA

04182210 LU5JAU 59 ENTRO RIOS .110 S LW5EJU
 05051748 LU5JAU 59+10 TROPO 50.110 S LW5EJU

BRAZIL

04150055 PP2AU 57 SAN PABLO 50.110 S LW5EJU
 04150100 PP2RON 54 SAN PABLO 50.110 S LW5EJU
 04202040 PY2AA 59+20 50.059 B LW5EJU
 04202040 PY2CRX 52 SAN PABLO 50.110 S LW5EJU
 04202040 PY2SFY 59+20 50.010 B LW5EJU

FALKLAND IS.

04111915 VP8CSA 59+20 MARK 50.110 S LW5EJU

URUGUAY

04182210 CX7IY 52 PAISANDU 50.110 S LW5EJU
 05051748 CX1II 55 PAISANDU 50.110 S LW5EJU

Letters

Estimado Colega: (from EH8BPX)

Hace tiempo que no tiene noticias mías, le pido disculpas. Por fin después de todo un invierno sin novedades abrimos el año con una apertura el día 1 de Marzo donde solo pude hacer un corto QSO con CT4KQ aunque se escucharon estaciones de la zona EA1 no fue posible el contacto. La gran temporada se abre para mi este año un día antes que el año pasado es decir el día 9 de Mayo como se ve en la pagina que le adjunto con lo trabajado hasta ahora, no hay nada que destacar por el momento solo Europa.

El pasado día 30 de Marzo se me termino el primer año de licencia y he solicitado la prorrrogación de la misma un poco tarde. Pero espero que la renueven por un año mas.

He leído en el ultimo boletin el comentario de W5OZI referente a los locators que le faltan por confirmar, pues comunicarle que he hablado por radio con EH1EH le comente el problema y me contesto que lo miraria, y que había cambiado de QTH unas tres veces últimamente y que es posible que no le haya llegado la QSL quedo en darme una contestación la próxima vez que nos escuchemos en radio así?que tranquilo Pat, las gestiones están en marcha. Me pregunto que podría

hacer yo para poder confirmar 120 locators que me quedan aun por confirmar del año 95.

P.D. Aun no he recibido noticias de algún colega que me pueda facilitar el esquema eléctrico del Yaesu FT680R si alguien lo tiene agradecería una fotocopia. Esto es todo por el momento en cuanto haya mas novedades se las haré llegar. Un saludo. 73.

Dear Colleague:

Excuse me for not writing, but I have no news for a time. At last, after a winter without news, we are beginning the year with an opening of March 1, where I could only manage a short QSO with CT4KQ. Even though I heard some EA1s I was unable to make contact with them. The band opened for me this year days ahead of the past year, as I see in the enclosed pages that the openings started May 9. There is nothing to spotlight yet except Europe.

The past day March 30 finished for me the first year of license and have solicited the extension of the same slightly late. I expect that renewal by a year.

I read in the last bulletin the comments of W5OZI regarding the grid locators for which he lacks confirmation. Be advised that I have spoken by radio with EH1EH about the problem, and it appears to me that he had changed QTHs some three times recently and that it is possible that his QSL did not arrive.

Could you tell me the next time that you are listening to a quiet radio how long Pat {took to work 720 grids} as mentioned in March. Ask what I could do to be able to confirm 120 grid locators that remain to me even by of the year 1995.

P.S. I have not received a response to my request of your colleagues for an electronic schematic of the Yaesu FT680R. If someone has it, I would appreciate a photocopy. This is all for the moment, awaiting further news. Good Health.

EH8BPX, Avelino Martin, Chamiana 15, 38911 La Matanza, Tenerife, Canary Islands, SPAIN.

By way of explanation to our readers, I am a Novice when it comes to Spanish (or German or French). I must rely on a number of computer programs and dictionaries for the translation. Frequently I must guess the intention of the writer in addition to making English sentences out of the translation. To avoid misunderstanding, I am printing the original text as well as my translation. If I have made gross errors, I welcome correction by some of you who are more knowledgeable.

I published earlier Avelino's problems with his Yaesu FT680R. In fact I ordered from Yaesu an FT-680R Instruction Manual (it being all that I could get). It came in the form of single-sided photocopies. I copied these to both sides of the page, thereby saving about half the postage. What I didn't realize at the time was that the FT-680R instruction manual had the schematic only for the FP-80 power supply; the remainder of the figures are block diagrams, photos showing parts placement, and parts lists. If anyone has the schematic of the radio itself, would you please send to either of us.

Estimado Victor. (from LU1DMA)

Te hago llegar en hojas aparte, el trabajo realizado por un grupo de colegas entusiastas de los 50 MHz con el listado creemos que completo, de todos los beacons de la banda de 50 MHz. En esta temporada hasta ahora no hemos tenido mucha suerte con la propagación de DX. pero eso vino bien para descubrir que tenemos propagación casi a diario para distan-

cias de 1000 a 1500 kilómetros dentro de nuestro territorio Islas Malvinas y Países limítrofes. sobre todo en dirección N/S desde Buenos Aires.

Te paso a continuación la lista de estaciones escuchadas desde Buenos Aires, como así también de las estaciones activas por aquí.

01-02-96 PU1EXS, VP8CSA (DL1DSN) Ex ZB0C, ZP9DM
01-03-96 PY2PD, LU8MBL (1100 km de B.A. beam to oeste {E}, LW5EJU, VP8CSA
01-07-96 LU7VB 1200 km de B.A. beam to sur {S}
02-01-96 LU1BUV
02-11-96 LU6WN 1500 km de B.A. beam to sur,
LU5MAD 1200 km de B.A. beam to sur
03-10-96 LU6WN
03-12-96 LU3EMK
03-22-96 PY5CC
04-08-96 LU5JAU 300 km de B.A. beam to norte {N}

Te coloco solamente el primer contacto ya que estos se repitieron más veces. Las estaciones mas activas en Buenos Aires..

LU6DLB-LU4DMX-LU3EMK-LW6EUQ-LU8DIO-LW5EJU-LU4DAJ
LU9AEA-LU4DHD-LU8AHW-LU8DIN-LW2DDS-LU8EHF-LU8EDR
LU1BAO

Te comento que mi nombre apareció mal en los últimos Callbook y los datos correctos son los siguientes.

Luis M. Fernandez Prieto; O.V. Andrade 1638 (1718); S.A. de Padua Bs.As.; ARGENTINA. Phone 54-020-58358
Call sign: LU1DMA desde 1952, Grid Square GF05PH
Grids worked on 6m +/- 350; Countries worked on 6m: 152.

Gracias por tu trabajo. Muchos 73 y DX.

Dear Victor,

I am sending you in the attached pages, the work of a group of enthusiastic colleagues on 50 MHz of a complete listing of the beacons on the 50 MHz band.

In this season up to now we have had much luck with DX propagation, but have discovered that we have almost daily propagation to distances of 1000 to 1500 km within our territory, Malvinas Islands and Países borders, all in N/ S directions from Buenos Aires.

I send you to a continuation of the lists of stations heard from Buenos Aires, like that as well of the active stations for here. I am listing only the first contact since they were repeated many times. The most active stations in Buenos Aires: (list)

My name appears wrong in the latest Callbook and the correct data are the following: (list).

Luis's beacon list contains both active and inactive beacons and is thus rather long and we are presently not publishing it. We prefer to actively prune our lists; however we may reconsider when (and if) we run out of other material.

Estimado Victor (from LW5EJU)

Primeramente muchas gracias por el continuo envío de "The 50 MHz DX Bulletin" las condiciones de propagación en los 50 MHz no fueron buenas estos últimos tres meses para contactos de larga distancia, todos por aquí pensábamos que algunas aperturas se producirían para centroamérica ó norteamérica, pero eso no sucedió.

Estuve leyendo un el último boletín que me envío que "The

50 MHz DX Bulletin" está patrocinando el 50 MHz DX Maraton para las bandas 50 MHz y 70 MHz. En Argentina el sector perteneciente a la banda de cuatro metros que se encuentra entre los canales cuatro y cinco de televisión no está habilitada para radioamateurismo. Por esta cuestión no tenemos mucha información de esa banda por acá. Este último verano estuve hablando con algunos colegas locales y también con colegas de Brasil, encontrando un cierto interés en realizar algunas pruebas experimentales en esa banda, para esto estamos pensando armar equipos QRP con receptores de alta sensibilidad. La intención es explorar la actividad de propagación por condiciones troposféricas ó por esporádica-E también actividad transecuatorial.

Victor por su intermedio si es posible que usted ó algún colega que esté activo en los 4M que me envíen información sobre radiofaros; partición de la banda; en que modos se la trabaja (SSB,FM) Y que países trabajan esta banda.

Sin más Victor, mis saludos para usted y asta una próxima carta.

Dear Victor,

First, thank you very much for continuing to send me "The 50 MHz DX Bulletin." Propagation conditions on 50 MHz were not good these last three month for long distance contacts; although we hoped for some openings from Central America or North America, these did not happen.

I was reading in the last bulletin that you sent me that "The 50 MHz DX Bulletin" is sponsoring a 50 MHz DX Marathon for the bands of 50 MHz and 70 MHz. In Argentina, the sector for the four meter band that is found among the channels four and five of television, is not allocated for radio amateurs. For that reason, we do not have much information of that band here. This last summer, I was speaking with some colleagues local and from Brasil, and found a certain interest in conducting some experimental tests in this band. For this we are thinking of QRP equipment with very sensitive receivers. The purpose is the exploration of the propagation activity by tropospheric, Sporadic-E, and Transequatorial conditions.

Victor, could you or some colleague that is active on 4m send me information on beacons, band plans, and modes (SSB,FM). What countries work this band.

Without more Victor, my regards for you until a next letter.

Nestor Eduardo Zucchi, P.O. Box 354, 1629 Pilar, B.A.
ARGENTINA

Four Meter Band Details

Geoff, G3NAQ, sent along the following information on the four meter band:

Countries allowing 4m operation:

UK: G, GW, GM, GU, GJ, GD, GI, GX -- no novices
EI: but very little activity at the moment
ZB: no one known to be active at the moment
5B4: active beacon, but special permission needed to transmit -- none issued recently as far as I know.

UK Band Plan (not legally enforceable):

70.000-70.075 Beacons only
70.075-70.150 CW only
70.150-70.260 SSB/CW
70.185 Cross-band calling freq & center of activity
70.200 SSB calling freq. (also used for cw) & center of activity
70.260-70.400 All modes

70.260 Mobile calling freq.
70.300 RTTY calling freq.
70.400-70.500 FM - simplex only
70.450 FM calling freq.

Note: Most stations use horizontally polarized beams (all modes). There is relatively little mobile activity on the band.

Beacons known to be active:

70.000	GB3BUX	IO93BF	Carrier interrupted at 1 sec intervals
70.020	GB3ANG	IO86MN	
70.114	5B4CY	KM64PR	
70.130	EI4RF	IO63WD	
70.***	GB3MCB	IO70??	in Cornwall
70.050	G6YIN	IO93ET	Aimed at N. America

QSLs

Dear Pat: (copy of letter sent to W5OZI by W5FF)

I can't resist sending my list of non-QSL's grids after seeing your list in the latest 50 MHz DX Bulletin.

Despite follow-up attempts, sending via various bureaus, and my enclosing IRCs, US currency, etc., I have pretty well given up on ever receiving any reply from:

Grid	Call	Date of QSO (mmddyy)
FE44	LU6WN	03/01/89
FF56	LU9MA	02/13/83
GG68	PY2IAX	11/09/91
QF57	VK2MZ	said QSL via VK3AQR,
QF67	VK2MZ	but NIL
EK48	XE3TE	06/18/83
FE64	LU8WAT	03/12/83
RE56	ZL2AQR	04/08/84
FN48	VE2AKD	06/24/85
EL82	CM3ZD	06/28/94

Probably no coincidence that four of my stations are the same ones that you list Pat.!Sorry I can't help with them. It is quite possible that a couple of my others didn't receive mine, or some other mix-up.

Like you say, guess 1% of 860 is not bad! A knowledgeable DXer tells me there is No Way to get a QSL from VK2MZ!

Hi Victor--

Little DX to report, except XE2/KC5FMT DX-pedition. Mark worked hard on usually poor M/S to give me new grids from XE. My total will be 860 ± 1 when I receive his QSLs.

Fred Fish, W5FF, P.O. Box 73, Edgewood, NM 87015

Beacon News

Jan Mayen: Frank, PA3BFM passes along word that JX7DFA is running a beacon on 50.079. The power is 10 Watts into a 5 element Yagi pointed at 160°.

Scotland: GM4IPK, the beacon keeper of GB3LER indicated May 2 that the beacon is off the air due to antenna damage from a recent storm.

Spain: EH3CUU has been reported on, but no further info.

Sweden: A storm on April 25 damaged the antenna and transmitter at SK3SIX. SM3EQY and SM3JGG went up the

mountain and brought the transmitter back and are working to get it back into service.

Canada, VE8: Shep, W7HAH, writes: "I talked to VE8CK about the VE8BY beacon and he confirmed that the beacon was taken to England. VE8CK says a new beacon will be on soon as they are constructing it now and will be on 50.035 with the call sign of VE8NWT/B, grid square will be DP22."

Canada, VE6: Two new beacons QRV on May 21, VE6ARC in Grande Prairie in on 50.044. Reports to Earle, VE6NM. VE6EMU in Camrose (DO33) is on 50.041. Reports to Barry, VE6BMR. (EMU, by the way, because it is located in the middle of a working Emu ranch.

Tennessee: Carl, AA4H, indicates that he has been unable to hear the KD4LP beacon on 50.067, just 40 miles away.

Mexico: XE1KK (EK09IK) is now QRV on 50.0225 with 20W to an omnidirectional AR-6 courtesy of Jack Henry, N6XQ. The location is at XE1YVE's Villa Alpina repeater site west of Mexico City. Reports to Ramon Santoyo V., XE1KK, P.O. Box 19-564, 03901 Mexico, D.F. MEXICO or xelkk@amsat.org.

South American Update: From PY5CC: **Brazil: PY5XX** (not PT5XX) is a keyer not operated 24 hrs/day. It's antenna is a ground plane, and is transmitting from my QTH. **PY2AMI** is not on the air. **PT7BCN** is not on the air. Problems with the antenna. PT7 friends are looking to put the beacon to work. **Argentina: LU8YYO** (is believed not to be on) I had several nice openings to Argentina and didn't hear this beacon; I know they had some problems in the past. **LU1MA** and **LU2MFO** are not on the air. **Montserrat: VP2MO** is possibly not on the air. Had several nice TEP openings, and didn't hear the beacon.

DX-pedition News

Anguilla: Terry, N6CW, plans to operate VP2ECW from June 5 to June 10.

Bahamas: Ted, WA4VCC will activate C6AFR on Grand Bahama Island (FL06) from June 7 to 14 on 6, 2, & 432 & HF. QSLs to K4MQG, SASEs appreciated. Also remember last month's notice of WZ8D's operation from C6AIE (FL16) from June 7 to 17, and KM1E's operation from C6AGN (FL16) from May 2 to June 10.

St. Eustatius, PJ5: PJ8AA will be active from FK87 the first week in June.#

Turks and Caicos: Dick, N4HSM, and Jimmy, W6JKV, will be QRV from VP5H from June 5 to June 10 with good power and antennas on both bands. They will be trying to coordinate on 28.885.

Prince Edward Island: #Look for VY2/W3EP in FN86 from June 8-16.

British Columbia (Canada): # The Mountain DX Club of Vancouver has obtained final approval for an expedition to the 8,000 ft peak of Blackcomb Mtn at Whistler, BC during the CQ WW VHF contest July 13 & 14. They plan to have 100 W on 6m, 2m, and 70cm. The grid, CO80, is a rare one.

Bill Gordon, W6YLL, writes: "I will be in DO02 (Canadian Rockies) June 20, 21, 22, and in DN39 (Waterton Lakes Natl Park) June 25, 26, 27. I'll take 100 Watts and a 5 el beam. I may be able to work a little mobile from other

Canadian grids, especially if we have good conditions.

Cyprus (UK): #PA0ERA and PA2HJS plan to be QRV on WARC bands and 6m from ZC4EKJ from July 4 to July 20.

Georgia (LN21): #A group of Dutch radio amateurs is planning to activate 50 MHz from a location 70 km NW of Tblisi in the Republic of Georgia between June 14 and 26. The prefix will be 4L, but the suffix is being kept private to keep pirates away. They plan to operate a beacon on 50.123 during times the band is not open.

They ask only: Please work us one time only, so as to allow as many stations possible to work this new country. In general, no activities are allowed on 50 MHz in Georgia due to the cable television on channel R1. QSL info: Send a SAE with postage to PA0TLX, PO Box 2010, 1180 EA Amstelveen, The Netherlands, or via the Dutch bureau. QSLs will be forwarded in September/October 1996.

Portugal (IM56): EA7AH and EA7KW have applied for a 6m license to operate from IM56, which contains a piece of land just 300 m X 100 m in size.

EME News

K6QXY writes: "I understand that W6JKV will be at VP5K for the June VHF contest--on EME. We have the W6JKV array back up. It is now 8 X 7 el Yagi, two high X four wide with ~19.3 dBd gain. It seems to work well.

I have the first of my new four Yagi antennas tuned up. Should have all four up in 1-2 months.

Request For Proceedings Papers

The 22nd annual Eastern VHF/UHF Conference is to be held August 23, 24, & 25, 1996 at the Quality Inn and Conference Center, Vernon, CT.

We are once again requesting articles to be contributed for the annual proceedings which is published in conjunction with the ARRL. All material is to be forwarded by July 8, 1996 in a hardcopy format to conference secretary/Proceedings editor Lili Lopez, N2RDN. Documents must be "ready for press" quality, material cannot be reworked due to time constraints.

Photographs are reproducible, black & white preferred for better resolution. Color will be accepted if b/w is not available. Photo mounting positions must be identified on an 8.5 x 11 page with a 1 inch margin on all sides. Draw boxes and label within the box Photo 1, Photo 2, etc. Label the backs of photos as Photo 1, Photo 2, etc. with a self-stick removable note. Captions may be typed above or below the photo outline and text should be presented within the margin if possible.

Please do not hesitate to contact us with any other questions. Thank you for your continued support in making the conference better than ever! Contact conference chairman, Stan Hilinski, KA1ZE, if you'd like to give a talk or conduct a bandsession at the conference.

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GRID

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June 15 00Z - July 15 00Z. QSO points, 0 for < 4400 km; 3 for 4400 - 8800 km; 6 for > 8800 km; 9 for stations operating in countries where such 50 MHz operation is not recognized by the ARRL DXCC desk (3V, 5A, P5, etc.)
Total score = (1 + QSO points) X # of **grid fields** (first two letters of grid square) (10° lat x 20° long).